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KILOMETER POST SHEET TOTAL TOTAL PROJECT NO. SHEETS DIST COUNTY ROUTE C17926 Fxp. 6-30-01 The State of California or Its afficers or agents shall not be responsible for the accur or completeness of electronic copies of this CIVIL

- ES ETW-Fixed object Median Cut blocks ≥ 250 mm x 250 mm x 1.83 m wood post and to fit 200 mm × 200 mm × 560 mm wood block ES CETW. PLAN

150 mm × 200 mm × 560 mm wood block washers 16 mm ø Button head bolt w/hex nut and washers Ground line or Width shoulder surfacing under rail element 150 mm x 200 mm x 1,83 m wood post SECTION A-A

Single TBB

Wood post with wood block shown

See Note 3

Barrier marker (Attach

with two 16d [25 gram]

Galv nails)

THRIE BEAM BARRIER DELINEATION

THRIE BEAM BARRIER AT FIXED OBJECTS

(Wood post and block shown) For a series of fixed objects (bridge, columns, overhead sign supports, etc.) additional 250 mm x 250 mm x 1.83 DF posts with 200 mm × 200 mm × 560 DF blocks at 953 mm center to center are to be used between fixed objects. See Notes I and 2.

NOTES

- I. For a typical steel post and wood block thrie beam barrier installation, use MW 150 mm x 22 mm x 2 m steel post with 200 mm x 200 mm notched wood blocks in place of the 250 mm x 250 mm l.83 wood post with 200 mm x 200 mm x 560 mm wood blocks shown at 953 mm center to center spacina.
- 2. Where a minimum clearance of 900 mm can be obtained between the face of the thrie beam railing and the face of the fixed object, use 150 mm \times 200 m \times 1.83 m post with 150 mm \times 200 mm \times 560 mm blocks in place of the 250 mm \times 250 mm \times 1.83 m post with 200 mm x 200 mm x 560 mm blocks shown and use the typical 1905 mm center to center spacing for all posts.
- 3. See Standard Plan A78B for steel post with notched wood block construction details.
- 4. Attach rail element to wood block and steel post with 2 bolts on approaching traffic side of block and post web. For wood block details, see Standard Plan A78C.
- 5. Median barrier delineation to be used when required by the special provisions. Spacing of barrier markers to match spacing of raised pavement markers on adjacent median edgeline pavement delineation.
- 6. Direction of traffic indicated by ---

200 mm x 200 mm x 560 mm Notched wood blocks-16 mm ø Button head bolt with hex nut and cut washer on threaded end of bolt. Bolts installed with threaded end placed away from traffic side of rail. (See Note 4) -MW 150 mm x 22 mm Steel post 65 mm x 65 mm x 6 mm P washer Base Plate 360 mm x 360 mm x 19 mm -Hex nut -- 13 mm Tvp 21 mm x 32 mm pad~ Slotted holes 32 mm g Hole, Typ Cast-in-place and Grout Option Option Base Plate 22 mm ø x 200 mm Bolts with hex nut, 22 mm ø x 240 mm Continous threaded 4 per post rod grouted in 32 mm x ISO mm hole, 4 per post BRIDGE POST ELEVATION BRIDGE BASE PLATE PLAN POST DETAILS

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

THRIE BEAM BARRIER MISCELLANEOUS DETAILS

NO SCALE ALL DIMENSIONS ARE IN

MILLIMETERS UNLESS OTHERWISE SHOWN A78D

DOUBLE THRIE BEAM BARRIER ON BRIDGE